

art - Support #24920

art "readFile" errors affecting MicroBooNE production jobs

09/07/2020 03:16 PM - Matthew Rosenberg

Status:	Closed	Start date:	09/07/2020
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
Scope:	Internal	SSI Package:	
Experiment:	-		
Description			
Hello art experts,			
Recently (for the last week or two) we (from the Fermilab MicroBooNE production team) have been seeing a large number of LArSoft jobs fail with the following art error:			
<pre>IFCatalogInterface destructor: %MSG-s ArtException: PostEndJob 05-Sep-2020 03:28:09 UTC ModuleEndJob cet::exception caught in art ---- OtherArt BEGIN ---- LogicError BEGIN Source readFile() did not return a valid FileBlock: FileBlock should be valid or readFile() should throw. ---- LogicError END ---- OtherArt END %MSG Art has completed and will exit with status 1.</pre>			
This always seems to affect the first 10 - 30% of submitted jobs, but these jobs often run without issue when re-submitted. This has been impacting a large number of different workflows using a variety of different samples of artroot input files (which have all been used in the past without issue), so I don't think the problem is specific to any particular input artroot file or LArSoft workflow.			
We are using art version: v3_01_02 and ifdh_art version: v2_07_03 or v2_07_07 (I have seen jobs using both of these versions fail with this readFile error)			
Any insights you could provide would be much appreciated! I have attached a full log file for one of these failed jobs in case that would be helpful.			
Thanks! -Matt			

History

#1 - 09/08/2020 08:01 AM - Kyle Knoepfel

- Scope set to Internal
- Description updated
- Project changed from mrb to art
- Experiment - added

#2 - 09/11/2020 09:09 AM - Kyle Knoepfel

- Status changed from New to Closed
- Tracker changed from Bug to Support

Closing at request of author as this issue was unrelated to the framework.

Files

readFile_error_log.txt	45.7 KB	09/07/2020	Matthew Rosenberg
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